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FEB 06 2007

fax

Subject: Application No. 10/784,497

LU\_AZLEIN

O.A. Mailing Date: 12/05/2006

cc:

Date: February 6, 2007

To: Davis D. Hwu

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Comments:

The following proposed amendment is being provided via fax transmittal to facilitate resolving any difficulties before official submission

Applicants will telephone on Friday, February 9, 2007 for discussion. Should this time prove inconvenient, please suggest another by calling or faxing. This application has been prepared and is being prosecuted without assistance of a patent attorney or agent. Applicants wish to thank the PTO in advance for all assistance.

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## In the United States Patent and Trademark Office

FEB 06 2007

Serial Number: 10/784,497

Appn. Filed: 02/23/2004

Applicant(s): Jiang Lu, Samuel F. Azlein

Appn. Title: Aerosol Splitter for ELSD

Examiner/GAU: Davis D. Hwu

Mailed: \_\_\_\_\_

At: \_\_\_\_\_

Amendment A

Commissioner for Patents  
Washington, District of Columbia 20231

Sir:

In response to the Office Letter mailed 12/05  
amend the above application as follows:

2006, please

## CLAIMS

Cancel all claims of record and substitute new claims 5, 6, 7 and 8.

5. An aerosol splitting device, comprising
- a. a nebulizer means for generating aerosol particles and
  - b. a non-linear spray chamber means for segregating said aerosol particles based upon their momentum and thus upon their size, and
  - c. temperature control of said non-linear spray chamber as means for shifting aerosol size distribution
  - d. a drain suitably located in said non-linear spray chamber

## PROPOSED AMENDMENT